

<b>FORM 1449*</b> <b>O P E</b> <b>INFORMATION DISCLOSURE STATEMENT</b> <b>IN AN APPLICATION</b> <small>(Use several sheets if necessary)</small>	Docket Number:	Application Number:
	11669.187USU2	09/888,358
	Applicant: ADAMS ET AL.	
	Filing Date: 06/22/2001	Group Art Unit: 1634

## **U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>LH</i>	5,364,934	11/15/1994	Drayna et al.			

## **FOREIGN PATENT DOCUMENTS**

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
16	WO 99/00123	01/07/1999	PCT				
16	WO 99/64458	12/16/1999	PCT				
16	WO 00/04037	01/27/2000	PCT				
16	WO 01/98355 A2	12/27/2001	PCT				
16	WO 01/98512 A2	12/27/2001	PCT				

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

46		Andersson, B. et al., GenBank Accession No. AF070548 (1998)
		Appleby, R. et al., "Quantitation and origin of the mitochondrial membrane potential in human cells lacking mitochondrial DNA", <u>Eur. J. Biochem.</u> , 262:108-116 (1999)
		Boss, O. et al., "Uncoupling protein-3: a new member of the mitochondrial carrier family with tissue-specific expression", <u>FEBS Letters</u> , 408:39-42 (1997)
		Bouillaud, F. et al., "Molecular Approach to Thermogenesis in Brown Adipose Tissue: cDNA Cloning of the Mitochondrial Uncoupling Protein", <u>PNAS</u> , 82:445-448 (Jan. 1985)
		Carter, P. et al., "Improved oligonucleotide site-directed mutagenesis using M13 vectors", <u>Nucleic Acids Research</u> , 13(12):4431-4443 (1985)
		Cassard, A. et al., "Human Uncoupling Protein Gene: Structure, Comparison with Rat Gene, and Assignment to the Long Arm of Chromosome 4", <u>Journal of Cellular Biochemistry</u> , 43:255-264 (1990)
46		Chothia, C., "The Nature of the Accessible and Buried Surfaces in Proteins", <u>J. Mol. Biol.</u> , 105:1-14 (1976)

EXAMINER	<i>[Signature]</i>	DATE CONSIDERED	11/19/14
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EXAMINER: Initial reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.

<b>FORM 1449*</b> <b>INFORMATION DISCLOSURE STATEMENT</b> <b>IN AN APPLICATION</b> <small>(Use several sheets if necessary)</small>		Docket Number: 11669.187USU2	Application Number: 09/888,358
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86	Creighton, "Posttranslational Covalent Modifications of Polypeptide Chains", <u>Proteins: Structure and Molecular Properties</u> , WH. Freeman & Co., San Fran., CA, pp. 78-86 (1983)
	Cunningham, B., "High-Resolution Epitope Mapping of hGH-Receptor Interactions by Alanine-Scanning Mutagenesis", <u>Science</u> , 244:1081-1085 (June 2, 1989)
	Fleury, C. et al., "Uncoupling protein-2: a novel gene linked to obesity and hyperinsulinemia", <u>Nature Genetics</u> , 15:269-272 (March 15, 1997)
	Gimeno, R. et al., "Cloning and Characterization of an Uncoupling Protein Homolog", <u>Diabetes</u> , 46:900-906 (May 1997)
	Gong, D. et al., "Uncoupling Protein-3 is a Mediator of Thermogenesis Regulated by Thyroid Hormone, $\beta$ 3-Adrenergic Agonists, and Leptin", <u>The Journal of Biological Chemistry</u> , 272(39):24129-24132 (Sept. 26, 1997)
	Gura, T., "Uncoupling Proteins Provide New Clue to Obesity's Causes", <u>Science</u> , 280:1369-1370 (May 29, 1998)
	Huizing, M. et al., "Human Mitochondrial Transmembrane Metabolite Carriers: Tissue Distribution and Its Implication for Mitochondrial Disorders", <u>Journal of Bioenergetics and Biomembranes</u> , 30(3):277-284 (1998)
	Iacobazzi, V. et al., GenBank Accession No. NM_003562 (1992)
	Iacobazzi, V. et al., "Sequences of the human and bovine genes for the mitochondrial 2-oxoglutarate carrier", <u>DNA Sequence</u> , 3(2):79-88 (1992)
	Jacobsson, A. et al., "Mitochondrial Uncoupling Protein from Mouse Brown Fat", <u>The Journal of Biological Chemistry</u> , 260(30):16250-16254 (1985)
	Jezek, P. et al., "Fatty acid cycling mechanism and mitochondrial uncoupling proteins", <u>Biochim. Biophys. Acta</u> , 1365:319-327 (1998)
	Kinney, J. et al., "Tissue fuel and weight loss after injury", <u>J. Clin. Path.</u> , 23(4):65-72 (1970)
	Palmieri, F. et al., "Transmembrane Topology, Genes, and Biogenesis of the Mitochondrial Phosphate and Oxoglutarate Carriers", <u>Journal of Bioenergetics and Biomembranes</u> , 25(5):493-501 (1993)
86	Palmisano, A. et al., "Targeting and assembly of the oxoglutarate carrier: general principles for biogenesis of carrier proteins of the mitochondrial inner membrane", <u>Biochem. J.</u> , 333:151-158 (1998)
	Piccininni, S. et al., "Assignment of the oxoglutarate carrier gene (SLC20A4) to human chromosome 17p13.3", <u>Cytogenet Cell Genes</u> , 83:256-257 (1998) <i>NOT CONSIDERED 86</i>
86	Runswick, et al., GenBank Accession No. AAA30672 (1990)
	Sanchis, D. et al., "BMCP1, a Novel Mitochondrial Carrier with High Expression in the Central Nervous System of Humans and Rodents, and Respiration Uncoupling Activity in Recombinant Yeast", <u>The Journal of Biological Chemistry</u> , 273(51):34611-34615 (1998)
	Vidal-Puig, A. et al., "UCP3: An Uncoupling Protein Homologue Expressed Preferentially and Abundantly in Skeletal Muscle and Brown Adipose Tissue", <u>Biochemical and Biophysical Research Communications</u> , 235:79-82 (1997)
86	Vidal-Puig, A. et al., "Energy Metabolism in Uncoupling Protein 3 Gene Knockout Mice", <u>The Journal of Biological Chemistry</u> , 275(21):16258-16266 (2000)

EXAMINER	<i>Guang Jin</i>	DATE CONSIDERED	11/19/04
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O P E R A T I O N S C E N T E R P A T E N T & T R A D E M A R K O F F I C E S E P 0 1 2004 F O R M 1449*			INFORMATION DISCLOSURE STATEMENT		Docket Number: 11669.187USU2	Application Number: 09/888,358
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<i>YB</i>		Wells, J. et al., "Cassette mutagenesis: an efficient method for generation of multiple mutations at defined sites", <u>Gene</u> , 34:315-323 (1985)
		Wells, J. et al., "Importance of hydrogen-bond formation in stabilizing the transition state of subtilisin", <u>Phil. Trans. R. Soc. Lond.</u> , 317:415-423 (1986)
		Wolf, G., "A New Uncoupling Protein: A Potential Component of the Human Body Weight Regulation System", <u>Nutr. Rev.</u> , 55:178-179 (1997)
		Yu et al., "Overexpression of the human 2-oxoglutarate carrier lowers mitochondrial membrane potential in HE-293 cells: contrast with the unique cold-induced mitochondrial carrier CGI-69", <u>Biochem. J.</u> , 353:369-375 (2001)
		Zhang, C. et al., "Assessment of uncoupling activity of uncoupling protein 3 using a yeast heterologous expression system", <u>FEBS Letters</u> , 449:129-134 (1999)
<i>YB</i>		Zollar, M. et al., "Oligonucleotide-directed mutagenesis using M13-derived vectors: an efficient and general procedure for the production of point mutations in any fragment of DNA", <u>Nucleic Acids Research</u> , 10(20):6487-6501



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